

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) An anti-cancer composition comprising N,N-dimethylphytosphingosine ~~as an active ingredient~~ and at least one phytosphingosine derivative selected from the group consisting of phytosphingosine, acetylated phytosphingosine and ethylated phytosphingosine, wherein the weight ratio of N,N-dimethylphytosphingosine to phytosphingosine derivative is 1:1.

2. (Cancelled)

3. (Cancelled)

4. (Original) A kit for treating cancer comprising the composition of claim 1.

5. (Original) The kit of claim 4, comprising the composition as an adjuvants of other anti-cancer drugs.

6. (Currently Amended) A method of inhibiting sphingosine kinase ~~inhibitor composition comprising administering an effective amount of the composition of claim 1~~ N,N-dimethylphytosphingosine as an active ingredient.

7. (Currently Amended) ~~An apoptosis inducing composition~~ A method of inducing apoptosis comprising administering of an effective amount of the composition of claim 1 ~~N,N-dimethylphytosphingosine as an active ingredient.~~

8. (Currently Amended) A method of inhibiting protein kinase-inhibitor
~~composition comprising administering of an effective amount of the composition of claim 1~~N,N-
~~dimethylphyto-sphingosine as an active ingredient.~~

9. (Canceled)

10. (Currently Amended) A ~~composition for~~method of treating a hyperplastic
disease comprising administering of an effective amount of the composition of claim 1N,N-
~~dimethylphytosphingosine as an active ingredient.~~

11. (Currently Amended) The ~~composition according to~~method of claim 10, wherein
the hyperplastic disease is psoriasis.

12. (Canceled)

13. (Canceled)

14. (New) A method of treating cancer comprising administering an effective amount
of a composition of claim 1 to a subject.